

ABSTRACT OF THE INVENTION

A coated paper and a multi-wall bag formed from the coated paper is provided. The coated paper uses a kraft stock paper having a polyethylene layer applied to one surface. On top of the polyethylene layer, a biaxially oriented thermoplastic layer is provided such as polypropylene or polyester. Additionally, the biaxially oriented thermoplastic layer may include a foil or metal layer. The coated paper is resistant to water, greases, fats, and oils and provides an improved printing surface for graphics and enhances the strength of bag structures comprising the coated paper.